

Building a spell-checking application for messages on the Android operating system

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Abstract: In the context of the increasing demand for mobile technology, ensuring the accuracy of text content has become more important than ever. This topic focuses on developing a spell-check application for messages on the Android operating system, aiming to provide an effective solution to enhance the quality of outgoing messages. Through theoretical and experimental research, the objective of this topic is to build an automated system for checking and correcting spelling errors in SMS messages and phone calls. The method combines both machine learning and natural language processing techniques to optimize the performance and accuracy of the application. The expected result is to provide a useful tool for users, contributing to increased convenience and safety in communication via mobile text messages.

Keywords: Android application, natural language processing, spell checking, machine learning system